

# HEX-O 750

suspended group  
073-63616370



Project / Type

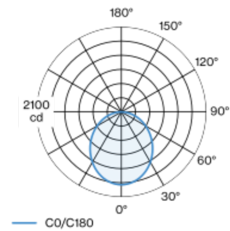
Notes

Count / Date

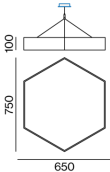


Hexagonal light fitting from aluminium profile; seamlessly welded; surface white powder coated; pendant fitting with 1500mm cable suspension (1 cable); height adjustment without tools; canopy with 2 cable openings and plug-in terminal for through wiring, incl. feed available as an accessory; suitable for group installation; including rear rail for alignment of the housings; can be combined with all HEX-O ceiling and TRIG-O ceiling luminaires and acoustic elements; highly reflective coating for improved efficiency; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; light colour 4000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. DALI-2 converter; sound absorbing HEX-O ABSORBER available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



### General

Ceiling , Suspended

white , RAL9010 <sup>1</sup>

IP20

4780 lm

### LED

4000 K

CRI  $\geq 80$

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam  $\leq 3$  SDCM

MR 0.72

MDER 0.66

### Optical

Opal

opal (lambertsch)

PstLM  $\leq 1.0$  <sup>2</sup>

SVM  $\leq 0.4$  <sup>2</sup>

### Electrical

DALI-2

system 35 W

PC1 220-240V

system 137 lm/W<sup>3</sup>

1 DALI Addr.

### Physical

cable 1500 mm (min. 500 mm)

length 750 mm

width 650 mm

height 100 mm

10 kg

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

## Installation instructions



## Lighting calculator



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## Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.98   | 0.95   | 0.93   | 0.91   | 0.9    |
| LSF                | 1      | 1      | 1      | 1      | 1      |

|                  |                              |                   |                                 |
|------------------|------------------------------|-------------------|---------------------------------|
| MF               | LMF × RSMF × LLMF × LSF      | RSMF <sup>a</sup> | Room Surface Maintenance Factor |
| MF               | Maintenance Factor           | LLMF              | Lamp Lumens Maintenance Factor  |
| LMF <sup>a</sup> | Luminaire Maintenance Factor | LSF               | Lamp Survival Faktor            |

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10                            | 9                  |
| B13                            | 13                 |
| B16                            | 15                 |
| B20                            | 18                 |
| C10                            | 18                 |
| C13                            | 26                 |
| C16                            | 30                 |
| C20                            | 36                 |

## Electrical accessories

### CANOPY / FEEDER CABLE

| TYPE                    | COLOUR          | Ø (MM) | ARTICLE NUMBER(S) |
|-------------------------|-----------------|--------|-------------------|
| 5 x 1,5 mm <sup>2</sup> | pure white      | 135    | 005-2232417       |
| 5 x 1,5 mm <sup>2</sup> | jet black       | 135    | 005-2232418       |
| 5 x 1,5 mm <sup>2</sup> | special colours | 135    | 005-223241X       |



## Acoustic accessories

### HEX-O ABSORBER 1000

| COLOUR                   | L-W-H (MM)   | ARTICLE NUMBER(S) |
|--------------------------|--------------|-------------------|
| marble grey              | 1000-866-237 | 073-691740D       |
| felt grey                | 1000-866-237 | 073-691740G       |
| black                    | 1000-866-237 | 073-691740L       |
| white                    | 1000-866-237 | 073-691740W       |
| acoustic special colours | 1000-866-237 | 073-691740X       |

